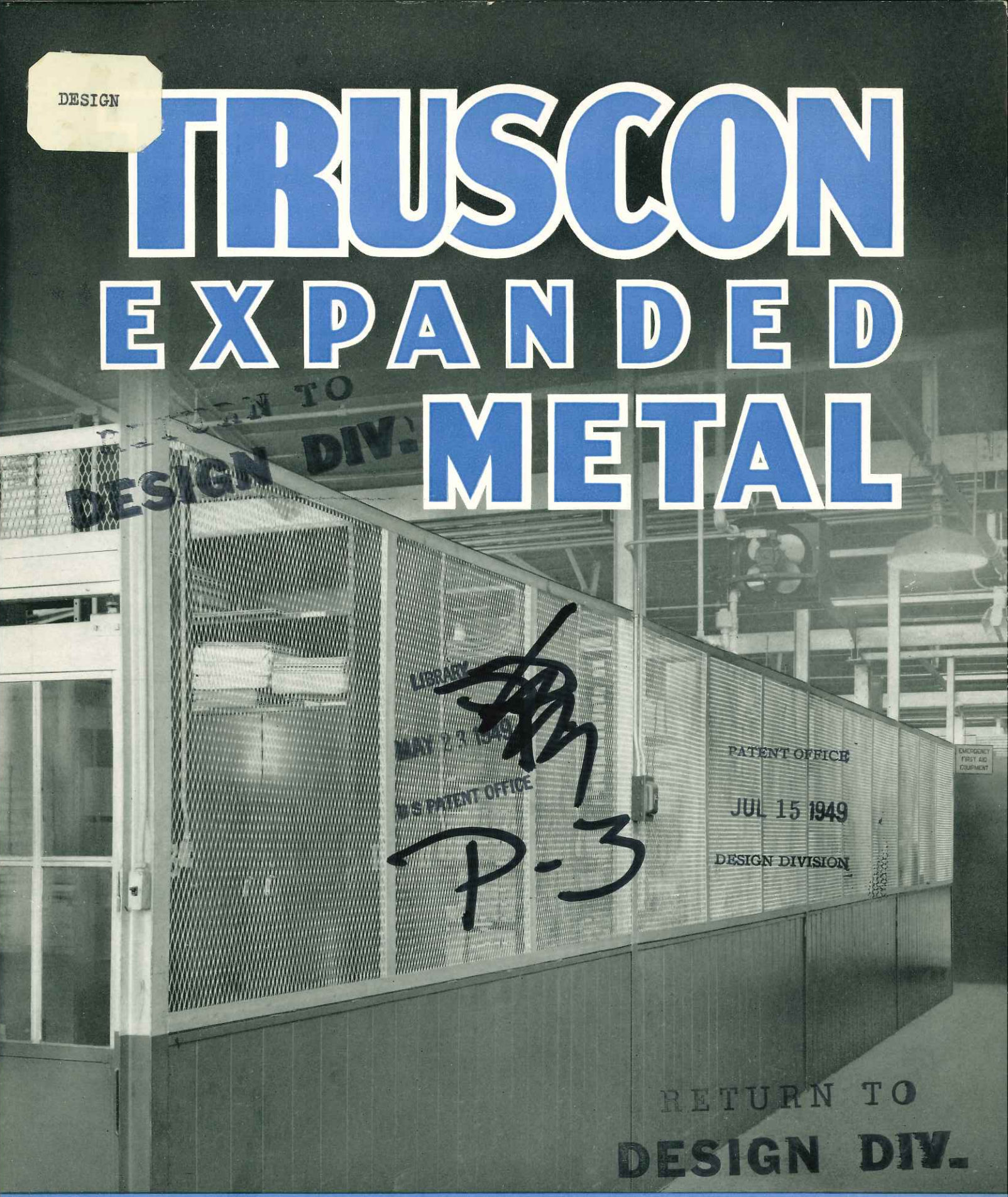
DESIGN

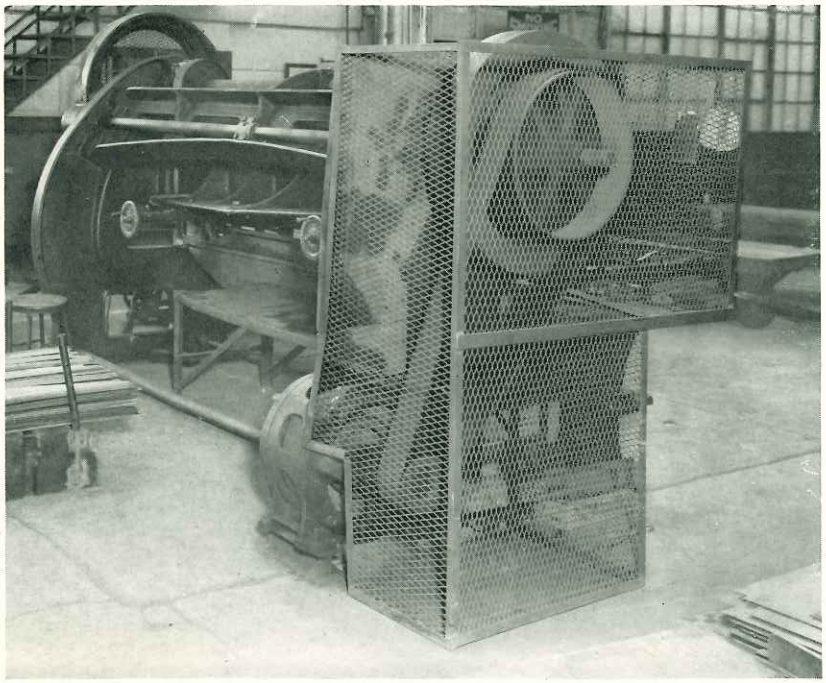
TRUSCON EXPANDED METAL



P-3

TRUSCON STEEL COMPANY
YOUNGSTOWN, OHIO
SUBSIDIARY OF REPUBLIC STEEL CORPORATION

A Rigid Fabric *for* Guards, R



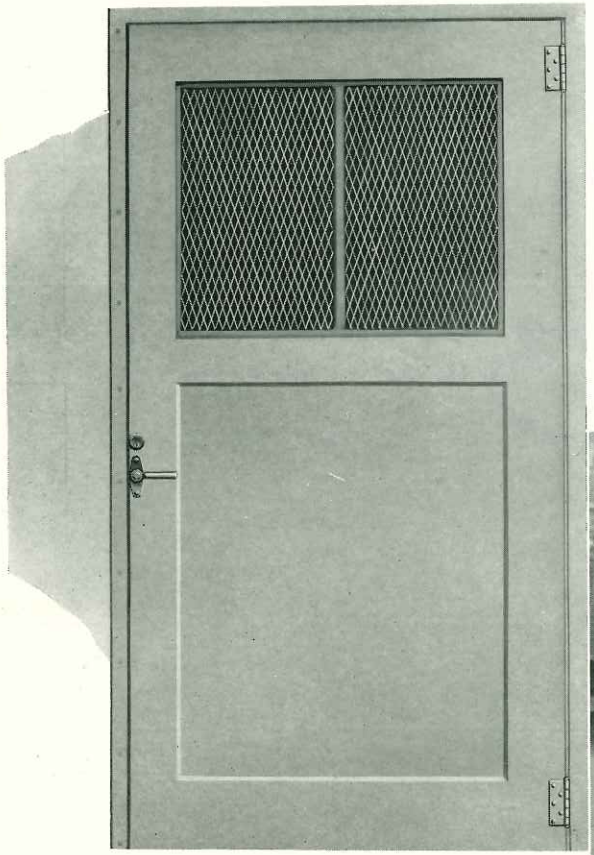
Truscon Expanded Metal is a diamond me
from a solid plate of low carbon open hear
so that regular and even diamonds are fo

Truscon Expanded Metal is a utility produ
uses when the nature of the work requires a
light in weight, easy to handle and rigid bu

Machine guards, door grilles, partitions, wi
are easily fabricated from the smaller size
are used for all types of concrete reinforcin
bution of steel. The sectional area of Expa
assures absolute structural value.

PATENT OFFICE
JUL 15 1949
DESIGN DIVISION

Consult the table on the back page listing



TRUSCON STEEL COMPAN

SUBSIDIARY OF REPUBLIC S

RETUR
DESIGN

Gray Des. Div
5/17/49

Reinforcement and Protection

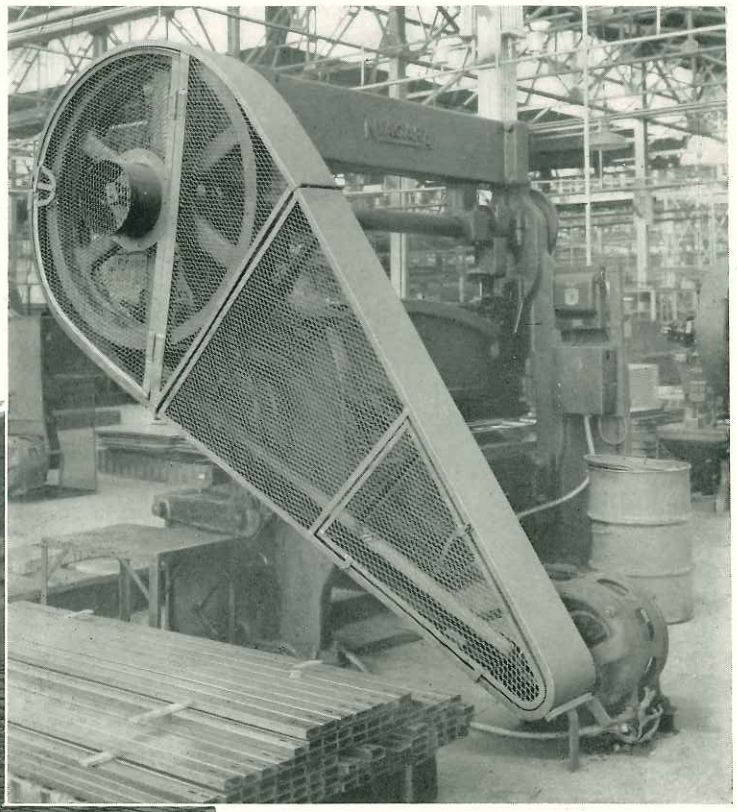
esh fabric expanded into flat sheets
rth steel. The steel is cut and drawn
ormed with uniform strands.

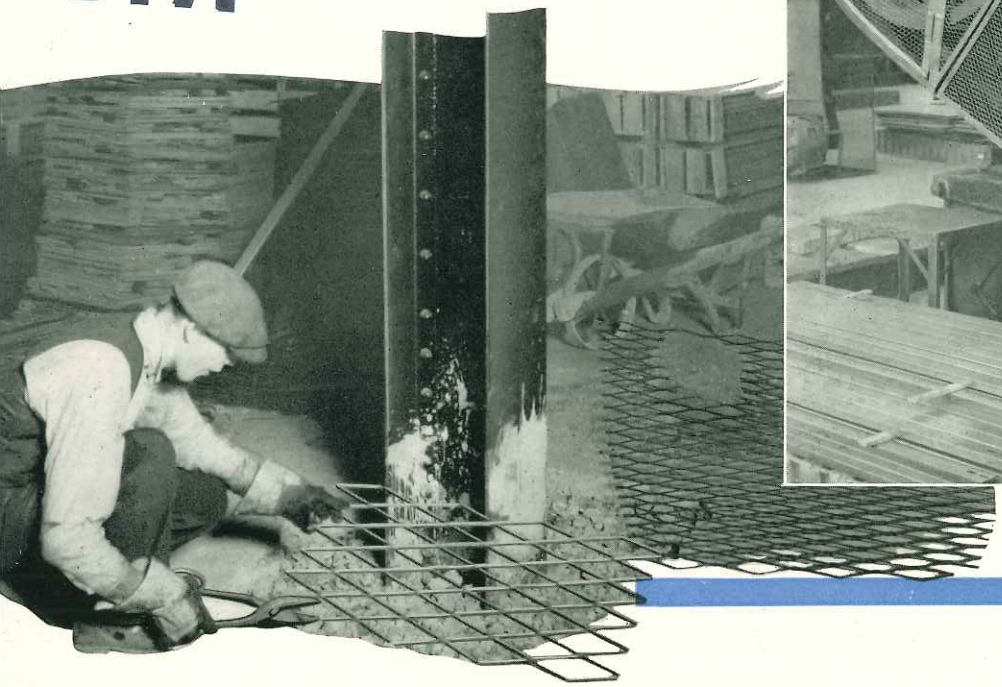
ct and can be employed in diversified
an open mesh material that is strong,
t workable.

ndow guards and similar enclosures
e mesh. The larger and heavier types
ng where it provides an ideal distri-
anded Metal is machine made, which

a complete range of sizes and types.

Y, YOUNGSTOWN, OHIO
TEEL CORPORATION
N TO
DIV.
PATENT OFFICE
JUL 15 1949
DESIGN DIVISION





PATENT OFFICE
JUL 15 1949

TRUSCON EXPANDED METAL

TYPES AND PROPERTIES

DESIGN DIVISION

Type Number	Size of Diamond C-C of Strand	Gauge	Weight lbs. per sq. ft.	Standard Sizes of Sheets		Cross Sectional Area
				Lengths Long Way of Diamond	Widths Short Way of Diamond	
3-059	3" x 8"	16	.20	6', 8', 10'-8"	4', 8'	.059
3-08	3" x 8"	16	.27	6', 8', 10'-8"	3', 4', 6'	.08
3-10	3" x 8"	12	.34	6', 8', 9', 10'-8"	4', 8'	.10
3-125	3" x 8"	12	.42	6', 8', 9', 10'-8"	4'-2", 6'-3"	.125
3-15	3" x 8"	10	.51	6', 8', 9', 10'-8"	3'-6", 4', 7'	.15
3-176	3" x 8"	10	.60	6', 8', 9', 10'-8"	3', 4', 6'	.176
3-20	3" x 8"	10	.68	6', 8', 9', 10'-8"	3'-6", 7'	.20
3-25	3" x 8"	10	.85	6', 8', 9', 10'-8"	4'-3", 5'-8"	.25
3-30	3" x 8"	10	1.02	6', 8', 9', 10'-8"	3'-6", 7'	.30
3-35	3" x 8"	10	1.19	6', 8', 9', 10'-8"	3', 4', 6'	.35
2¼-10	2¼" x 6"	16	.34	6', 8', 10'-6"	4', 5'	.10
2¼-15	2¼" x 6"	12	.51	6', 8', 10'-6"	3'-6", 7'	.15
1-8	1⅜" x 3"	17	.20	6', 8'	2', 4'	.06
3-6	1⅜" x 3"	17	.40	8'	2', 4'	.12
½-22	½" x 1.2"	18	.74	6', 8'	3', 4'-6"	.22
¾-15	¾" x 2"	16	.51	6', 8'	4'-4", 6'-6"	.15
¾-24	¾" x 2"	12	.80	6', 8'	4', 6'-6"	.24
¾-35	¾" x 2"	10	1.19	6', 8'	3', 4'-6"	.35
1⅜-18	1⅜" x 3"	12	.60	6', 8'	3', 4'-6", 6'	.18
1⅜-24	1⅜" x 3"	12	.80	6', 8'	3', 4', 6'	.24
1⅜-35	1⅜" x 3"	10	1.19	6', 8'	3', 4', 6'	.35

RETURN TO DESIGN DIV.

PATENT OFFICE
JUL 15 1949
DESIGN DIVISION

Furnished plain, painted, enameled, bonderized or galvanized.

OTHER USES FOR TRUSCON EXPANDED METAL

In addition to the more general uses illustrated, Truscon Expanded Metal can be economically used in the manufacture of such products as:

TREE BOXES — **LOUVERS**
REFUSE BURNERS — **WASTE BASKETS**
HOT AIR REGISTERS — **RADIATOR COVERS**
AIR FILTERS — **TRUCK BODY ENCLOSURES**
GLOBE PROTECTORS for ELECTRIC LIGHTS

We will be glad to give engineering and designing assistance to manufacturers interested in specialized uses of this nature. This service involves no obligation.

TRUSCON STEEL COMPANY—YOUNGSTOWN, OHIO

SALES ENGINEERING OFFICES IN PRINCIPAL CITIES

RETURN TO DESIGN DIV.

No. B-420—10-42

Printed in U. S. A.